

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

James Chambers

Serial No.: N/A

Filed: Herewith

For: STRUCTURE AND METHOD TO FABRICATE SELF-ALIGNED  
TRANSISTORS WITH DUAL WORK FUNCTION METAL GATE  
ELECTRODES

Group No.: N/A

Examiner: N/A

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

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INFORMATION DISCLOSURE STATEMENT

Pursuant to the duty of disclosure under 37 C.F.R. § 1.56, Applicant submits this statement.

This submittal is made in accordance with 37 C.F.R. §§ 1.97 and 1.98 and § 609 of the Manual of Patent Examining Procedure. The patents, publications and other information herein are listed below and on the attached Form PTO-1449. Copies of the listed references are submitted herewith.

<u>U.S. Patent No.</u>	<u>Inventor</u>	<u>Date</u>
6,534,423 B1	Turner	March 18, 2003
6,397,861 B1	Wing et al.	June 4, 2002
6,383,879 B1	Kizilyalli et al.	May 7, 2002
<u>Foreign Patent No.</u>	<u>Country</u>	<u>Date</u>
GB 2 347 789 A	UK	September 13, 2000

References:

"PURSUING THE PERFECT LOW-K DIELECTRIC";  
[www.e-insite.net/semiconductor/index.asp?/layout=articlePrint&articleID=CA164243](http://www.e-insite.net/semiconductor/index.asp?/layout=articlePrint&articleID=CA164243).

B. Maiti and P.J. Tobin; "METAL GATES FOR ADVANCED CMOS TECHNOLOGY";  
 SPIE Vol. 3881; September 1999; Pgs. 46-57.

Applicant hereby expressly reserves the right to swear behind the effective dates of any of the above Patents and to question the relevance and materiality of the Patents and Publications listed herein, in whole, in part, or in combination, subsequent to filing this Information Disclosure Statement. The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. 20-0668.

Respectfully submitted,

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Date: 8/27/03

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Substitute for form 1449/PTO				<i>Completion if Known</i>	
				Application Number	N/A
				Filing Date	Herewith
				First Named Inventor	James Chambers
				Art Unit	N/A
				Examiner Name	N/A
Sheet	2	of	2	Attorney Docket Number	TI 35714

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		"PURSUING THE PERFECT LOW-K DIELECTRIC"; www.e-insite.net/semiconductor/index.asp?layout=articlePrint&article ID=CA164243	
		B. Maiti and P.J. Tobin; "METAL GATES FOR ADVANCED CMOS TECHNOLOGY"; SPIE Vol. 3881; September 1999; Pgs. 46-57.	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**Substitute for form 1449/PTO**

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

**(Use as many sheets as necessary)**

Sheet 1 of 2

Complete if Known	
Application Number	N/A
Filing Date	Herewith
First Named Inventor	James Chambers
Art Unit	N/A
Examiner Name	N/A
Attorney Docket Number	TI 35714

**U. S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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